CIVIL XPERTS
ISO 9001:2015
CONSULTANTS & TESTING CENTER

Highway / Building Material Testing | Structural Strengthening Solutions
Quality Control / Assurance / Audit | Proof Checking (Structural Designs & Drawings)
Soil Stabilization and Shoring Services | Non - Destructive Testing

NABL ACCREDITED AS PER ISO/IEC 17025:2017

Job No.: CECTC/KRIDL/Ward No.5/ 2019-20

Date: 25.09.2019

TEST REPORT

CLIENT	:	**Assistant Executive Engineer,** Byatarayana Pura Sub Division, BBMP, Bangalore.
AGENCY	:	**Executive Engineer,** KRIDL, Rajajinagara, Bangalore-10
NAME OF THE WORK	:	Construction of Gymnesium Building near Govt. School Ground Jakkur in Ward No.5, Jakkur
REFRENCE	:	BBMP/EE/BTP/WO/13/2017-18 Date: 24.03.2018
SAMPLE ID	:	Cement
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269-2015
1	a) Initial Setting Time	IS-4031 (Part -5)	170 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	390 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	29.00%	

Information is furnished by the Agency

Note:

⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒ Any Query regarding the report must be reported within 15 days from the date of testing

For Civil Experts

Authorised Signature

174, Sri Ranga Complex, Amrutha Nagar Main Road, New Bank Colony, Kondakunte, Bangalore - 560 062.
Mobile : +91 97429 59595 | Tel/Fax : 080 2632 2565 | Email : civilexpertsltd@gmail.com | URL : www.civilexperts.co.in

Scanned by CamScanner

CIVIL XPERTS
ISO 9001:2015
CONSULTANTS & TESTING CENTER

Highway / Building Material Testing | Structural Strengthening Solutions
Quality Control / Assurance / Audit | Proof Checking (Structural Designs & Drawings)
Soil Stabilization and Shoring Services | Non - Destructive Testing

NABL ACCREDITED AS PER ISO/IEC 17025:2017

Job No.: CECTC/KRIDL/Ward No.5/ 2019-20 Date : 25.09.2019

TEST REPORT ON FINE AGGREGATES (SAND)
IS 383-1970 (RA- 2002)

Client : **Assistant Executive Engineer,** Byatarayana Pura Sub Division, BBMP, Bangalore.
Agency : **Executive Engineer,** KRIDL, Rajajinagara, Bangalore-10
Name of Work : Construction of Gymnesium Building near Govt. School Ground Jakkur in Ward No.5, Jakkur
Refrence : BBMP/EE/BTP/WO/13/2017-18 Date: 24.03.2018
Date of Testing : 25.09.2019
Material : Sand Total Wt. of Aggregates **1500**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	78	5.20	5.20	94.8	90-100
2.36	138	9.20	14.40	85.6	75-100
1.18	275	18.33	32.73	67.3	55-90
600 Micron	264	17.60	50.33	49.7	35-59
300 Micron	361	24.07	74.40	25.6	8-30
150 Micron	329	21.93	96.33	3.7	0-10

Information is furnished by the Agency

Note:

3. Any Query regarding the report must be reported within 15 days from the date of testing.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

For Civil Experts

Authorised Signature

174, Sri Ranga Complex, Amrutha Nagar Main Road, New Bank Colony, Kononakunte, Bangalore - 560 062.
Mobile : +91 97429 59595 | Tel/Fax : 080 2632 2565 | Email : civilexpertsltd@gmail.com | URL : www.civilexperts.co.in

Scanned by CamScanner

CIVIL XPERTS
ISO 9001:2015
CONSULTANTS & TESTING CENTER

Highway / Building Material Testing | Structural Strengthening Solutions
Quality Control / Assurance / Audit | Proof Checking (Structural Designs & Drawings)
Soil Stabilization and Shoring Services | Non - Destructive Testing

NABL ACCREDITED AS PER ISO/IEC 17025:2017

Job No.: CECTC/KRIDL/Ward No.5/ 2019-20 Date : 25.09.2019

TEST REPORT ON COARSE AGGREGATES
IS 383-1970 (RA- 2002)

Client : **Assistant Executive Engineer,** Byatarayana Pura Sub Division, BBMP, Bangalore.
Agency : **Executive Engineer,** KRIDL, Rajajinagara, Bangalore-10
Name of Work : Construction of Gymnesium Building near Govt. School Ground Jakkur in Ward No.5, Jakkur
Refrence : BBMP/EE/BTP/WO/13/2017-18 Date: 24.03.2018
Date of Testing : 25.09.2019
Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	462	3.08	3.08	96.92	95-100
20	8534	56.89	59.97	40.03	30-70
10	3329	22.19	82.17	17.83	10-35
4.75	2296	15.31	97.47	2.53	0-5

Information is furnished by the Agency

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

For Civil Experts

Authorised Signature

174, Sri Ranga Complex, Amrutha Nagar Main Road, New Bank Colony, Konanakunte, Bangalore - 560 062.
Mobile : +91 97429 59595 | Tel/Fax : 080 2632 2565 | Email : civilexpertsltd@gmail.com | URL : www.civilexperts.co.in

Scanned by CamScanner

CIVIL XPERTS
ISO 9001:2015
CONSULTANTS & TESTING CENTER

Highway / Building Material Testing | Structural Strengthening Solutions
Quality Control / Assurance / Audit | Proof Checking (Structural Designs & Drawings)
Soil Stabilization and Shoring Services | Non - Destructive Testing

NABL ACCREDITED AS PER ISO/IEC 17025:2017

Job No.: CECTC/KRIDL/Ward No.5/ 2019-20 Date : 25.09.2019

TEST REPORT ON COARSE AGGREGATES
IS 383-1970 (RA- 2002)

Client : **Assistant Executive Engineer,** Byatarayana Pura Sub Division, BBMP, Bangalore.
Agency : **Executive Engineer,** KRIDL, Rajajinagara, Bangalore-10
Name of Work : Construction of Gymnesium Building near Govt. School Ground Jakkur in Ward No.5, Jakkur
Refrence : BBMP/EE/BTP/WO/13/2017-18 Date: 24.03.2018
Date of Testing : 25.09.2019
Material : 20mm Aggregates

Total Wt. of Aggregates in gms= **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
40	0	0	0	100	100
20	175	3.5	3.5	96.5	95-100
10	2748	55.0	58.5	41.5	25-55
4.75	1749	35.0	93.4	6.6	0-10

Information is furnished by the Agency

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

For Civil Experts

Authorised Signature

174, Sri Ranga Complex, Amrutha Nagar Main Road, New Bank Colony, Konanakunte, Bangalore - 560 062.
Mobile : +91 97429 59595 | Tel/Fax : 080 2632 2565 | Email : civilexpertsltd@gmail.com | URL : www.civilexperts.co.in

Scanned by CamScanner

CIVIL XPERTS
ISO 9001:2015
CONSULTANTS & TESTING CENTER

Highway / Building Material Testing | Structural Strengthening Solutions
Quality Control / Assurance / Audit | Proof Checking (Structural Designs & Drawings)
Soil Stabilization and Shoring Services | Non - Destructive Testing

NABL ACCREDITED AS PER ISO/IEC 17025:2017

Job No.: CECTC/KRIDL/Ward No.5/ 2019-20 Date: 10.10.2019

TEST REPORT ON CEMENT CONCRETE BLOCKS

Client : **Assistant Executive Engineer,** Byatarayana Pura Sub Division, BBMP, Bangalore.

Agency : **Executive Engineer,** KRIDL, Rajajinagara, Bangalore-10

Name of Work : Construction of Gymnesium Building near Govt. School Ground Jakkur in Ward No.5, Jakkur

Reference : BBMP/EE/BTP/WO/13/2017-18 Date: 24.03.2018

Size of Block : 400mm x 100mm x 200 mm

Cross Sectional Area : 40000 mm^2

Test Method & Specification : IS 2185 (Part 1) - 2005

No. of Blocks Tested : 03

Sl.No.	Date of Sampling	Date of testing	Failure load (KN)	Compressive strength	Minimum required Compressive Strength of Individual Units
			kN	N/mm^2	N/mm^2
1	09.10.2019	10.10.2019	152.0	3.80	3.5
2	09.10.2019	10.10.2019	146.3	3.66	
3	09.10.2019	10.10.2019	158.2	3.96	

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

For Civil Experts

Authorised Signature

174, Sri Ranga Complex, Amrutha Nagar Main Road, New Bank Colony, Konanakunte, Bangalore - 560 062.
Mobile : +91 97429 59595 | Tel/Fax : 080 2632 2565 | Email : civilexpertsltd@gmail.com | URL : www.civilexperts.co.in

Scanned by CamScanner

CIVIL XPERTS
ISO 9001:2015
CONSULTANTS & TESTING CENTER

Highway / Building Material Testing | Structural Strengthening Solutions
Quality Control / Assurance / Audit | Proof Checking (Structural Designs & Drawings)
Soil Stabilization and Shoring Services | Non - Destructive Testing

NABL ACCREDITED AS PER ISO/IEC 17025:2017

Job No.: CECTC/KRIDL/Ward No.5/ 2019-20 Date: 10.10.2019

TEST REPORT ON CEMENT CONCRETE BLOCKS

Client : **Assistant Executive Engineer,** Byatarayana Pura Sub Division, BBMP, Bangalore.

Agency : **Executive Engineer,** KRIDL, Rajajinagara, Bangalore-10

Name of Work : Construction of Gymnesium Building near Govt. School Ground Jakkur in Ward No.5, Jakkur

Reference : BBMP/EE/BTP/WO/13/2017-18 Date: 24.03.2018

Size of Block : 400mm x 200mm x 200 mm

Cross Sectional Area : 80000 mm^2

Test Method & Specification : IS 2185 (Part 1) - 2005

No. of Blocks Tested : 03

Sl.No.	Date of Sampling	Date of testing	Failure load (KN)	Compressive strength	Minimum required Compressive Strength of Individual Units
			kN	N/mm^2	N/mm^2
1	09.10.2019	10.10.2019	301.2	3.77	3.5
2	09.10.2019	10.10.2019	287.5	3.59	
3	09.10.2019	10.10.2019	315.6	3.95	

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

For Civil Experts

Authorised Signature

174, Sri Ranga Complex, Amrutha Nagar Main Road, New Bank Colony, Kononakunte, Bangalore - 560 062.
Mobile : +91 97429 59595 | Tel/Fax : 080 2632 2565 | Email : civilexpertsltd@gmail.com | URL : www.civilexperts.co.in

Scanned by CamScanner

CIVIL XPERTS
ISO 9001:2015
CONSULTANTS & TESTING CENTER

Highway / Building Material Testing | Structural Strengthening Solutions
Quality Control / Assurance / Audit | Proof Checking (Structural Designs & Drawings)
Soil Stabilization and Shoring Services | Non - Destructive Testing

NABL ACCREDITED AS PER ISO/IEC 17025:2017

Job No.: CECTC/KRIDL/Ward No.5/ 2019-20 Date: 30.09.2019

TEST RESULTS OF PHYSICAL PROPERTIES OF REINFORCEMENT STEEL

Client : **Assistant Executive Engineer,** Byatarayana Pura Sub Division, BBMP, Bangalore.

Agency : **Executive Engineer,** KRIDL, Rajajinagara, Bangalore-10

Name of Work : Construction of Gymnesium Building near Govt. School Ground Jakkur in Ward No.5, Jakkur

Reference : BBMP/EE/BTP/WO/13/2017-18 Date: 24.03.2018

Sample Identification : 8mm, 10mm, 12mm, 16mm. Fe 500 TMT Bars

Technical Reference : IS 1786:2008, IS 1608:2005, IS 1599:1985 (Reaffirmed 2006)

Date of test: : 30.09.2019

Sl.No	Nominal size (dia in mm)	Mass per metre (kg/metre)	TENSILE STRENGTH		
			0.20 % proof stress/ yield stress ($N/mm^{2)}$	Tensile strength ($N/mm^{2)}$	Elongation, percent on gauge length
1	8	0.397	511	555	15
2	10	0.618	532	582	16
3	12	0.888	568	611	17
4	16	1.580	577	621	18

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

For Civil Experts

Authorised Signatory

174, Sri Ranga Complex, Amrutha Nagar Main Road, New Bank Colony, Konanakunte, Bangalore - 560 062.
Mobile : +91 97429 59595 | Tel/Fax : 080 2632 2565 | Email : civilexpertsltd@gmail.com | URL : www.civilexperts.co.in

Scanned by CamScanner

CIVIL XPERTS
ISO 9001:2015
CONSULTANTS & TESTING CENTER

Highway / Building Material Testing | Structural Strengthening Solutions
Quality Control / Assurance / Audit | Proof Checking (Structural Designs & Drawings)
Soil Stabilization and Shoring Services | Non - Destructive Testing

NABL ACCREDITED AS PER ISO/IEC 17025:2017

Job No.: CECTC/KRIDL/Ward No.5/ 2019-20 Date: : 15.10.2019

TEST REPORT ON CERAMIC TILES

Client	: **Assistant Executive Engineer,** Byatarayana Pura Sub Division, BBMP, Bangalore.
Contractor	: **Executive Engineer,** KRIDL, Rajajinagara, Bangalore-10
Name of Work	: Construction of Gymnesium Building near Govt. School Ground Jakkur in Ward No.5, Jakkur
Reference	: BBMP/EE/BTP/WO/13/2017-18 Date: 24.03.2018
Sample ID	: Ceramic Tiles-300x300x6
Technical Reference	: IS: 13630 - 2006 - Method of Testing Ceramic Tiles IS 15622 - 2006 - Specification of Ceramic Tiles
No. of Samples Tested	: 05 (Five)
Date of Testing	: 15.10.2019

1. MODULUS OF RUPTURE

Sl. No.	Measured Dimension (mm)	Modulus of Rupture (N/mm^2)	Average (N/mm^2)	Requirement as per IS: 15622 (Reaffirmed 2006)
1	300x300x6	31.6	32.14	Average 30, Indivisual minimum 28
2	300x300x6	32.5		
3	300x300x6	31.3		
4	300x300x6	32.6		
5	300x300x6	32.7		

Information is furnished by the Client

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

For Civil Experts

Authorised Signatory

174, Sri Ranga Complex, Amrutha Nagar Main Road, New Bank Colony, Konanakunte, Bangalore - 560 062.
Mobile : +91 97429 59595 | Tel/Fax : 080 2632 2565 | Email : civilexpertsltd@gmail.com | URL : www.civilexperts.co.in

Scanned by CamScanner

CIVIL XPERTS
ISO 9001:2015
CONSULTANTS & TESTING CENTER

Highway / Building Material Testing | Structural Strengthening Solutions
Quality Control / Assurance / Audit | Proof Checking (Structural Designs & Drawings)
Soil Stabilization and Shoring Services | Non - Destructive Testing

NABL ACCREDITED AS PER ISO/IEC 17025:2017

Job No.: CECTC/NR/Ward No.1/ 2019-20 Date: 20.01.2020

TEST REPORT ON CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Byatarayana Pura Sub Division, BBMP, Bangalore.
Agency	: **Executive Engineer,** KRIDL, Rajajinagara, Bangalore-10
Name of Work	: Construction of Gymnesium Building near Govt. School Ground Jakkur in Ward No.5, Jakkur
Refrence	: BBMP/EE/BTP/WO/13/2017-18 Date: 24.03.2018
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th days

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.12.2019	20.01.2020	8.253	488.5	21.71
2	23.12.2019	20.01.2020	8.227	516.9	22.97
3	23.12.2019	20.01.2020	8.238	532.5	23.67

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

For Civil Experts

Authorised Signatory

174, Sri Ranga Complex, Amrutha Nagar Main Road, New Bank Colony, Konanakunte, Bangalore - 560 062.
Mobile : +91 97429 59595 | Tel/Fax : 080 2632 2565 | Email : civilexpertsltd@gmail.com | URL : www.civilexperts.co.in

Scanned by CamScanner

CIVIL XPERTS
ISO 9001:2015
CONSULTANTS & TESTING CENTER

Highway / Building Material Testing | Structural Strengthening Solutions
Quality Control / Assurance / Audit | Proof Checking (Structural Designs & Drawings)
Soil Stabilization and Shoring Services | Non - Destructive Testing

NABL ACCREDITED AS PER ISO/IEC 17025:2017

Job No.: CECTC/NR/Ward No.1/ 2019-20 Date: 20.01.2020

TEST REPORT ON CONCRETE CUBES

Client : **Assistant Executive Engineer,** Byatarayana Pura Sub Division, BBMP, Bangalore.

Agency : **Executive Engineer,** KRIDL, Rajajinagara, Bangalore-10

Name of Work : Construction of Gymnesium Building near Govt. School Ground Jakkur in Ward No.5, Jakkur

Refrence : BBMP/EE/BTP/WO/13/2017-18 Date: 24.03.2018

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th days

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.12.2019	20.01.2020	8.210	476.8	21.19
2	23.12.2019	20.01.2020	8.198	519.4	23.08
3	23.12.2019	20.01.2020	8.235	508.7	22.61

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

For Civil Experts

Authorised Signatory

174, Sri Ranga Complex, Amrutha Nagar Main Road, New Bank Colony, Konanakunte, Bangalore - 560 062.
Mobile : +91 97429 59595 | Tel/Fax : 080 2632 2565 | Email : civilexpertsltd@gmail.com | URL : www.civilexperts.co.in

Scanned by CamScanner

CIVIL XPERTS
ISO 9001:2015
CONSULTANTS & TESTING CENTER

Highway / Building Material Testing | Structural Strengthening Solutions
Quality Control / Assurance / Audit | Proof Checking (Structural Designs & Drawings)
Soil Stabilization and Shoring Services | Non - Destructive Testing

NABL ACCREDITED AS PER ISO/IEC 17025:2017

Job No.: CECTC/NR/Ward No.1/ 2019-20

Date: 20.01.2020

TEST REPORT ON CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Byatarayana Pura Sub Division, BBMP, Bangalore.
Agency	: **Executive Engineer,** KRIDL, Rajajinagara, Bangalore-10
Name of Work	: Construction of Gymnesium Building near Govt. School Ground Jakkur in Ward No.5, Jakkur
Refrence	: BBMP/EE/BTP/WO/13/2017-18 Date: 24.03.2018
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th days

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.12.2019	20.01.2020	8.201	501.2	22.28
2	23.12.2019	20.01.2020	8.199	521.3	23.17
3	23.12.2019	20.01.2020	8.278	487.5	21.67

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

For Civil Experts

Authorised Signature

174, Sri Ranga Complex, Amrutha Nagar Main Road, New Bank Colony, Konanakunte, Bangalore - 560 062
Mobile : +91 97429 59595 | Tel/Fax : 080 2632 2565 | Email : civilexpertsltd@gmail.com | URL : www.civilexperts.co.in

Scanned by CamScanner

CIVIL XPERTS
ISO 9001:2015
CONSULTANTS & TESTING CENTER

Highway / Building Material Testing | Structural Strengthening Solutions
Quality Control / Assurance / Audit | Proof Checking (Structural Designs & Drawings)
Soil Stabilization and Shoring Services | Non - Destructive Testing

NABL ACCREDITED AS PER ISO/IEC 17025:2017

Job No.: CECTC/NR/Ward No.1/ 2019-20

Date: 20.01.2020

TEST REPORT ON CONCRETE CUBES

Client : **Assistant Executive Engineer,** Byatarayana Pura Sub Division, BBMP, Bangalore.

Agency : **Executive Engineer,** KRIDL, Rajajinagara, Bangalore-10

Name of Work : Construction of Gymnesium Building near Govt. School Ground Jakkur in Ward No.5, Jakkur

Refrence : BBMP/EE/BTP/WO/13/2017-18 Date: 24.03.2018

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M20

Compressive Strength as on : 28th days

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.12.2019	20.01.2020	8.205	501.2	22.28
2	23.12.2019	20.01.2020	8.231	531.2	23.61
3	23.12.2019	20.01.2020	8.196	489.2	21.74

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

For Civil Experts

Authorised Signature

174, Sri Ranga Complex, Amrutha Nagar Main Road, New Bank Colony, Konanakunte, Bangalore - 560 062.
Mobile : +91 97429 59595 | Tel/Fax : 080 2632 2565 | Email : civilexpertsltd@gmail.com | URL : www.civilexperts.co.in

Scanned by CamScanner

CIVIL XPERTS
ISO 9001:2015
CONSULTANTS & TESTING CENTER

Highway / Building Material Testing | Structural Strengthening Solutions
Quality Control / Assurance / Audit | Proof Checking (Structural Designs & Drawings)
Soil Stabilization and Shoring Services | Non - Destructive Testing

NABL ACCREDITED AS PER ISO/IEC 17025:2017

Job No.: CECTC/NR/Ward No.1/ 2019-20 Date: 20.01.2020

TEST REPORT ON CONCRETE CUBES

Client : **Assistant Executive Engineer,** Byatarayana Pura Sub Division, BBMP, Bangalore.

Agency : **Executive Engineer,** KRIDL, Rajajinagara, Bangalore-10

Name of Work : Construction of Gymnesium Building near Govt. School Ground Jakkur in Ward No.5, Jakkur

Refrence : BBMP/EE/BTP/WO/13/2017-18 Date: 24.03.2018

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M20

Compressive Strength as on : 28th days

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.12.2019	20.01.2020	8.244	498.6	22.16
2	23.12.2019	20.01.2020	8.236	516.7	22.96
3	23.12.2019	20.01.2020	8.219	528.4	23.48

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing.

For Civil Experts

Authorised Signature

174, Sri Ranga Complex, Amrutha Nagar Main Road, New Bank Colony, Kononakunte, Bangalore - 560 062.
Mobile : +91 97429 59595 | Tel/Fax : 080 2632 2565 | Email : civilexpertsltd@gmail.com | URL : www.civilexperts.co.in

Scanned by CamScanner